FIG. 1

FIG. 2

Sense Primer (PA1)

Hypervariable Region 1

Antisense Primer (PA2)

Fb2
Subgroup A (RAV-1)
Subgroup B (RAV-2)
Subgroup C (Pr-C)
Subgroup D (Sr-D)
Subgroup E (RAV-0)
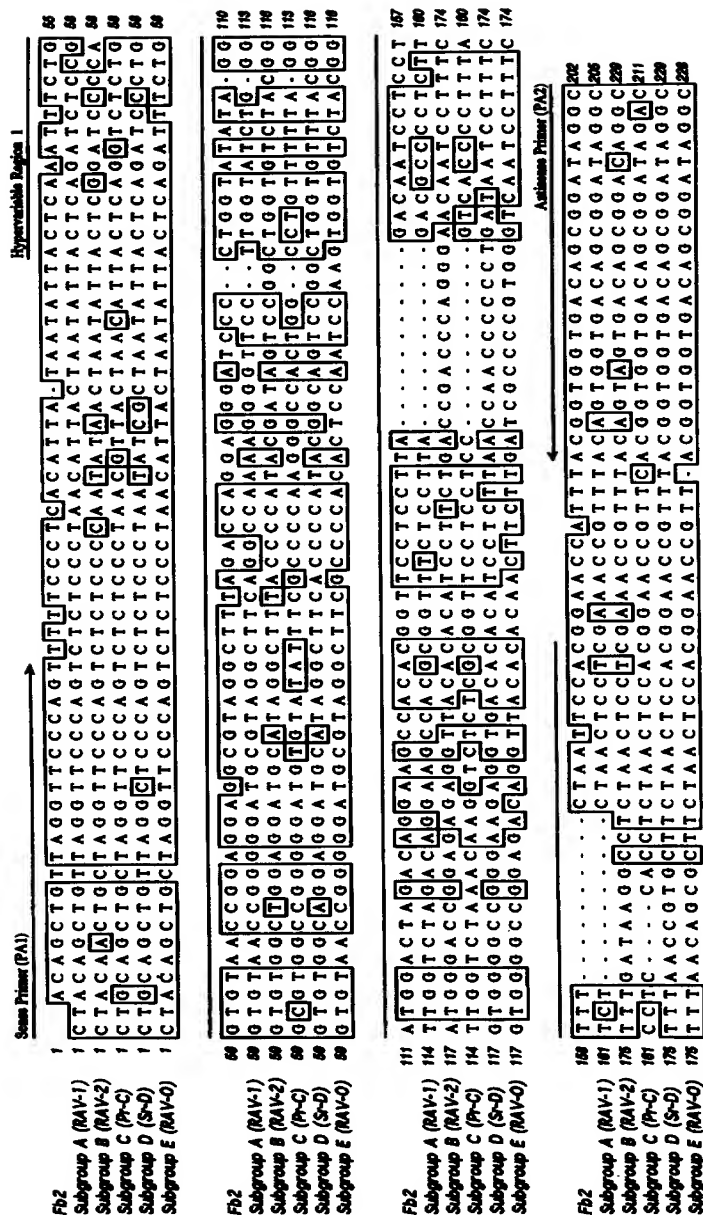
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                               Sense Primer (PA1)
subgroup A (RAV-1)   1  C T A C A G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A  40
2F                   1      A C A G C T G T T A G G T T C C C A G T T T T T C C C T C A C A T T A C T A  37
65                   1    T A C A G C T G T T A G G T T C C C A G T C T C T C C C T C A C A T T A - T A  39
subgroup E (RAV-0)   1  C T A C A G C T G C T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A  40
7Q                   1      C A G C T G T T A G G T T C C C A G T T T C T C C C T A A C A T T A T T A  37
10Q                  1  C T A C A G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A  40
6F                   1    C A G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A  37
207                  1        G C T G T T A G G T T C C C A G T C T C T C C C T A A C A T T A C T A  35
                                       Hypervariable Region 1
subgroup A (RAV-1)  41  A T A T T A C T C A G A T C T C C G G T G T A A C C G G G G G A T G C G T A G G  80
2F                  38  A T A T T A C T C A A A T T T C T G G T G T A A C C G G A G G A G G C G T A G G  77
65                  40  A C A - T A C T C A A A T T T C T G G T G T A A C C G G A G G G A T G C G T A G G  78
subgroup E (RAV-0)  41  A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G  80
7Q                  38  A T A T T A C T C A G A T T T C T G G T G T A A C T G G G G G A T G C G T A G G  77
10Q                 41  A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G  80
6F                  38  A T A T T A C T C A G A T T T C T G G T G T A A C T G G G G G A T G C G T A G G  77
207                 36  A T A T T A C T C A G A T T T C T G G T G T A A C C G G G G G A T G C G T A G G  75

subgroup A (RAV-1)  81  C T T C A G G C C A A A A G G G G T C C T T G - - - - G T A T C T G G T T G  116
2F                  78  C T T T A G A C C A G G A G G G A T C C C C T G - - - - G T A T A T A G G A T G  113
65                  79  C T T T A G A C C A G G A G G G A T C C C C T G - - - - G T A T A T G G G A T G  114
subgroup E (RAV-0)  81  C T T C G C C C C A C A C T C C A A T C C A A G T G G T G T C T A C G G G T G G  120
7Q                  78  C T T C A C C C C A C A C T C C A A T C C A A G T G G T G T T T A C G G G T G G  117
10Q                 81  C T T C G C C C C A C A C T C C A A T C C A A G T G G T G T C T A C G G G T G G  120
6F                  78  C T T C A C C C C A C A C T C C A A T C C A A G T G G T G T T T A C G G G T G G  117
207                 76  C T T C A C C C C A C A C T C C A A T C C A A G T G G T G T C T A C G G G T G G  115

subgroup A (RAV-1) 117  G T C T - - A G A C A G G A - - - - - - - A G C C A C G C G G T T C T C C T T T  147
2F                114  G A C T - - A G A C A G G A - - - - - - - A G C C A C A C G G T T C C T C C T T T  144
65                115  G A C T - - A G A C A G G A - - - - - - - A G C C A C A C G G T T C C T C C T T T  145
subgroup E (RAV-0)121  G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T  160
7Q                118  G A C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T  157
10Q               121  G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T  160
6F                118  G G C C G G A G A C A G G T T A C A C A C A A C C T C T T G A T C G C C C C G T  157
207               116  G G C C G G A G A C A G G T T A C A C A C A A C T T C T T G A T C G C C C C G T  155

subgroup A (RAV-1)148  A G A - C G C C C C T C T T T C T - - - - - - - - - - C T A A C T C C T C G A A  176
2F                145  A G A - C A A T C C T C C T T T T - - - - - - - - - - C T A A T T C C A C G G A  173
65                146  A A A - C A A T C C T C C T T T T - - - - - - - - - - C T A A T T C C A C G G A  174
subgroup E (RAV-0)161  G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A  200
7Q                158  G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A  197
10Q               161  G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A  200
6F                158  G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A  197
207               156  G G G T C A A T C C T T T C T T T A A C A G C G C T T C T A A C T C C A C G G A  195
                                                         Antisense Primer (PA2)
subgroup A (RAV-1)177  A C C G T T T A C A G T G G T G A C A G C G G A T A G G C  205
2F                174  A C C A T T T A C G G T G G T G A C A G C G G A T A G G C  202
65                175  A C C A T T T A C G G T G G T G A C A G C G G A T A G G C  203
subgroup E (RAV-0)201  A C C G T T - A C G G T G G T G A C A G C G G A T A G G C  228
7Q                198  A C C G T T T A C G G T G G T G A C A G C G G A T A G G   225
10Q               201  A C C G T T T A C G G T G G T G A C A G C G G A T A G G C  229
6F                198  A C C G T T T A C G G T G G T G A C A G C G G A T A G G C  226
207               196  A C C G T T T A C G G T G G T G A C A G C G G A T A G G C  224
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FIG. 3